



JET POWERTECH PULLEYS

PART # 90500

1. Loosen fan from water pump. Place a large screwdriver between the two water pump bolts to keep the water pump from spinning. Use a large narrow crescent wrench to loosen large nut holding fan to water pump shaft. Turn counter clockwise. **Do not remove yet.**
2. Loosen four water pump bolts with a 1/2" wrench.
3. Loosen six crankshaft pulley bolts with a 1/2" deep socket.
4. Loosen belt using a 14mm socket and breaker bar on tensioner center bolt. Using breaker bar as a lever, pull towards center of vehicle and slip belt off of idler pulley. Carefully relax breaker bar. Do not remove from tensioner at this time.
5. Remove crank pulley first. Now remove fan from water pump and remove through bottom of vehicle. Remove water pump pulley.
6. To remove alternator pulley remove top and bottom alternator bolts. Slide alternator out of brackets and turn alternator so that pulley faces up. Using an air impact with a 7/8" socket, hold on to pulley with gloves and remove nut. Pulley will slide off. Install JET alternator pulley. Place a drop of Locktite on nut threads and tighten using air impact. Place alternator back into brackets and reinstall all nuts and bolts.
7. Install JET water pump pulley and hand tighten 1/2" bolts using Locktite on each bolt.
8. Install fan by bringing fan up from bottom and reattaching it to water pump. Hand tighten using Locktite.
9. Install JET crank pulley and tighten all crank bolts evenly using Locktite.
10. Reinstall factory belt. The best way to do this is to use the factory diagram and route the belt over the pulleys as shown leaving the idler pulley for last. Pull breaker bar on tensioner towards the center of the vehicle and slip the belt under idler pulley. Relax and remove breaker bar.
11. With belt tight and in place tighten 1/2" water pump pulley bolts using equal tension.
12. Tighten water pump fan nut and inspect all pulleys to make sure belt is properly aligned.
13. Start motor momentarily, then stop and recheck belt for proper tracking.

With the JET pulley kit installed a reduction in charging at idle is normal. It is best to drive in a gear sufficient to maintain 1500 rpm or greater in order to maintain a good charge in the battery. Avoid prolonged idle, especially in hot weather or with A/C or headlights in use.

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